GE Security

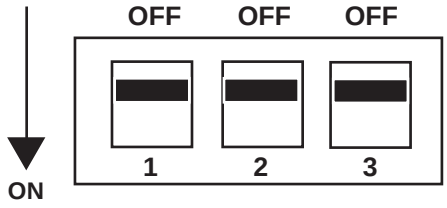
Installation/Operation Instructions
Warranty Information

VDT14120WDM	VDR14120WDM
VDT14120WDM-R3	VDR14120WDM-R3
VDT14130WDM	VDR14130WDM
VDT14130WDM-R3	VDR14130WDM-R3

ifs International Fiber Systems Incorporated
www.ifs.com
888-999-9IFS

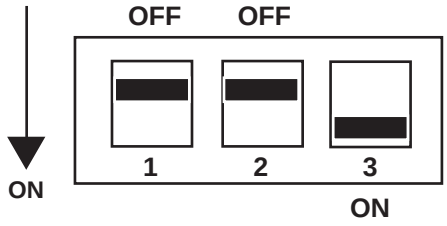
VDR14100WDM Series

RS232 DATA



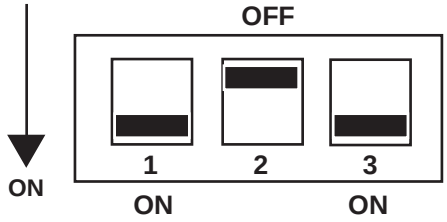
8 — Fault Relay
7
6
5 — Data Output
4 — Data Input
3
2
1 — Ground

RS422 DATA



8 — Fault Relay
7 — - Data In
6 — + Data In
5
4
3 — - Data Out
2 — + Data Out
1

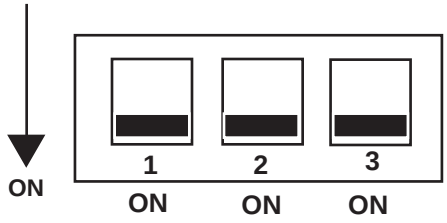
2-WIRE RS485 DATA



8 — Fault Relay
7 — - Data In/Out
6 — + Data In/Out
5
4
3
2
1

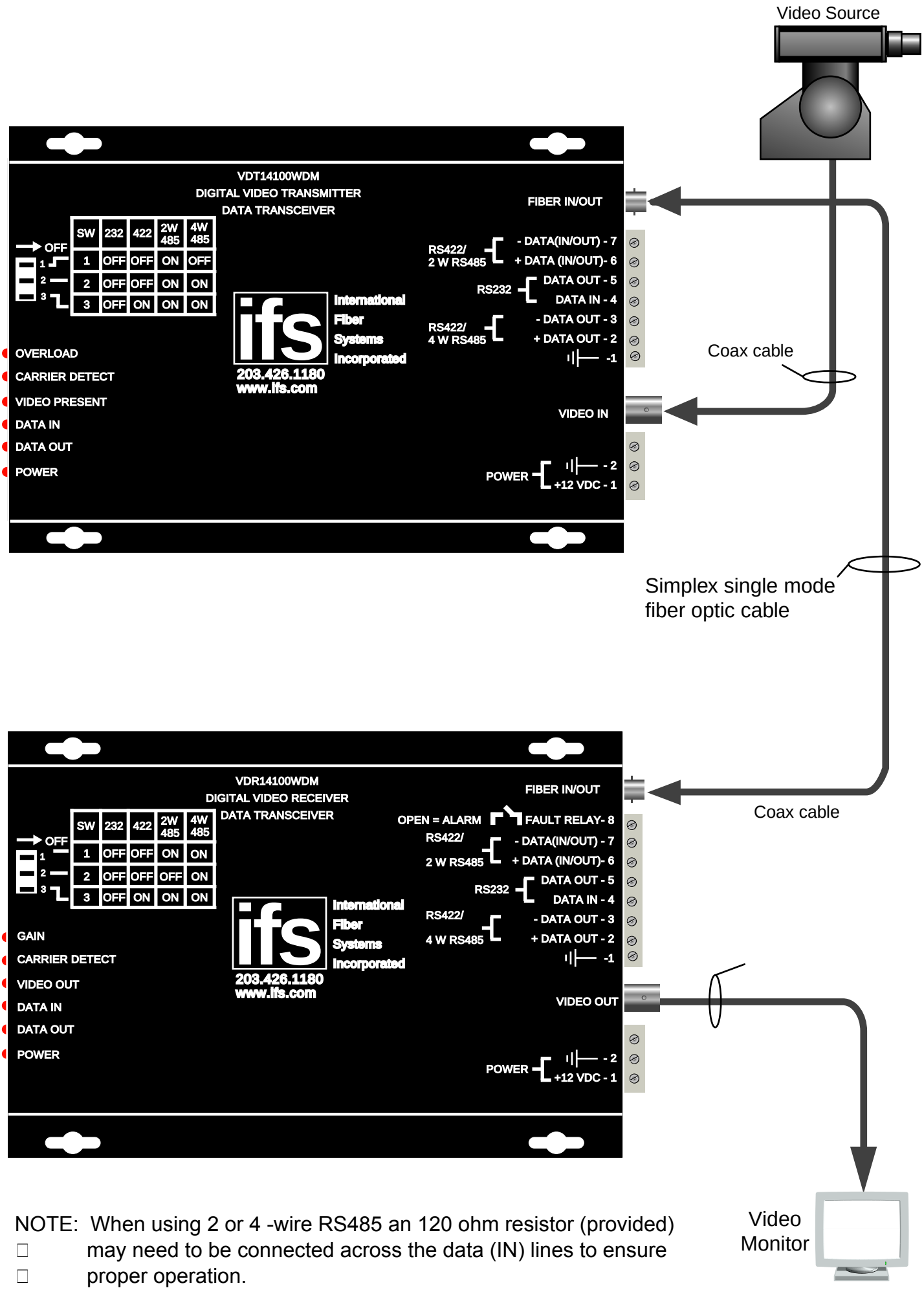
NOTE: A 120 ohm resistor (provided) may need to be connected across the data lines to ensure proper operation.

4-WIRE RS485 DATA



8 — Fault Relay
7 — - Data In
6 — + Data In
5
4
3 — - Data Out
2 — + Data Out
1

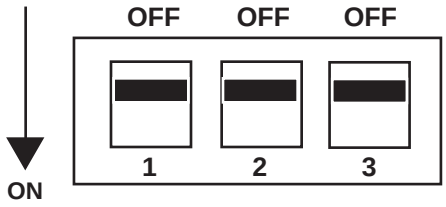
NOTE: A 120 ohm resistor (provided) may need to be connected across the data (in) lines to ensure proper operation.



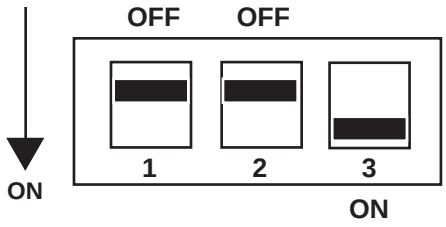
NOTE: When using 2 or 4 -wire RS485 an 120 ohm resistor (provided)
may need to be connected across the data (IN) lines to ensure
proper operation.

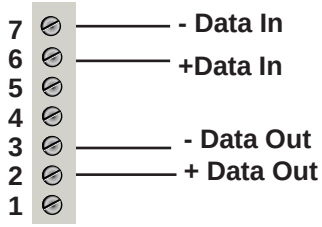
VDT14100WDM Series

RS232 DATA

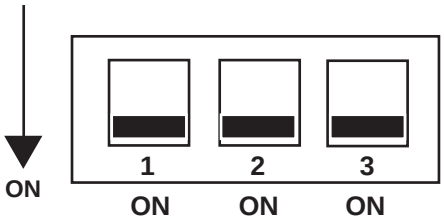


RS422 DATA



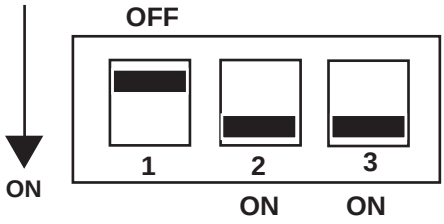


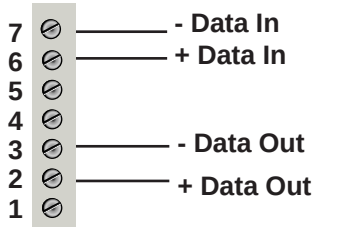
2-WIRE RS485 DATA



NOTE: A 120 ohm resistor (provided) may need to be connected across the data lines to ensure proper operation.

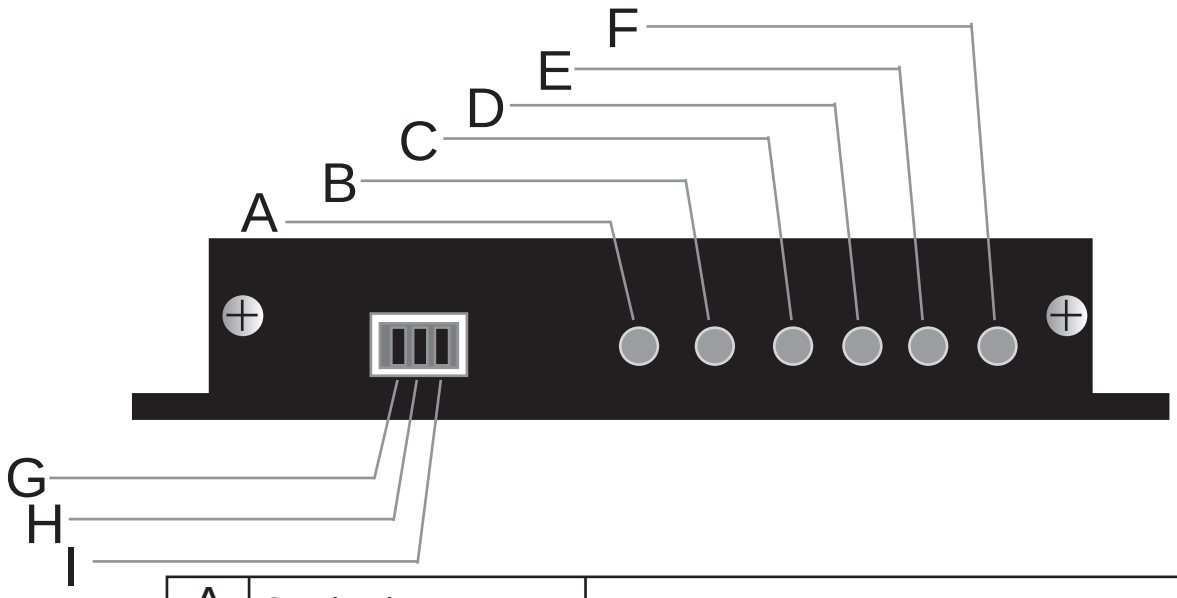
4-WIRE RS485 DATA





NOTE: A 120 ohm resistor (provided) may need to be connected across the data (in) lines to ensure proper operation.

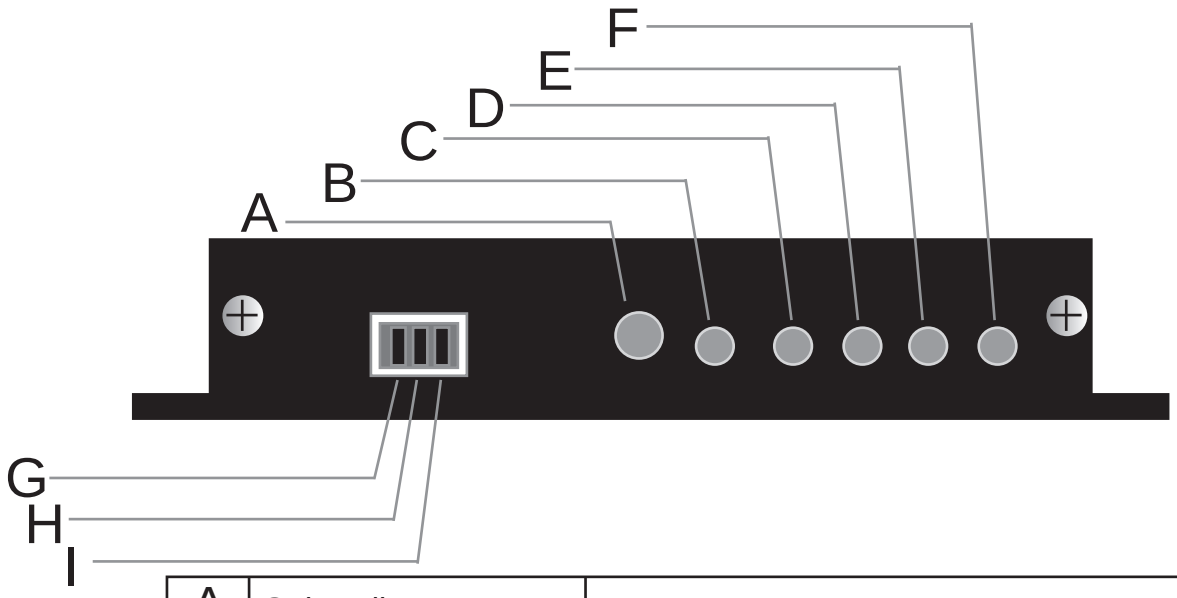
VDT14100WDM Series



A	Overload	LED illuminates when video exceeds 140 IRE
B	Carrier Detect	LED illuminates when receiving good optical signal
C	Video Present	LED illuminates when video signal is present
D	Data In	LED illuminates when data is input
E	Data Out	LED illuminates when optical data is present
F	Power	LED illuminates when powered
G	Data Control Switch 1	
H	Data Control Switch 2	
I	Data Control Switch 3	

NOTE: WITHOUT PROPER FIBER CONNECTION, LED's DO NOT INDICATE CORRECT OPERATIONAL STATUS OF THE UNIT.

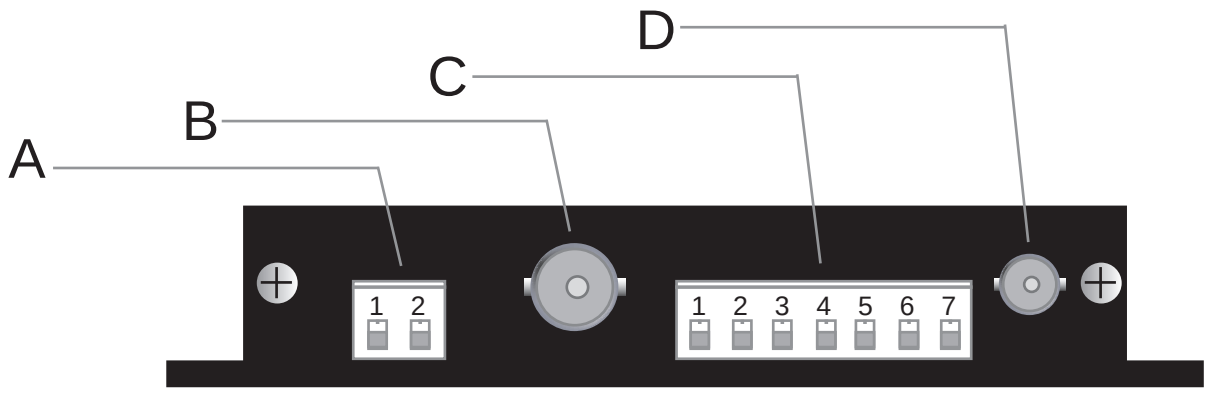
VDR14100WDM Series



A	Gain Adjustment	Adjusts video output level
B	Carrier Detect	LED illuminates when receiving good optical signal
C	Video Out	LED illuminates when video signal is output
D	Data In	LED illuminates when data is input
E	Data Out	LED illuminates when optical data is present
F	Power	LED illuminates when powered
G	Data Control Switch 1	
H	Data Control Switch 2	
I	Data Control Switch 3	

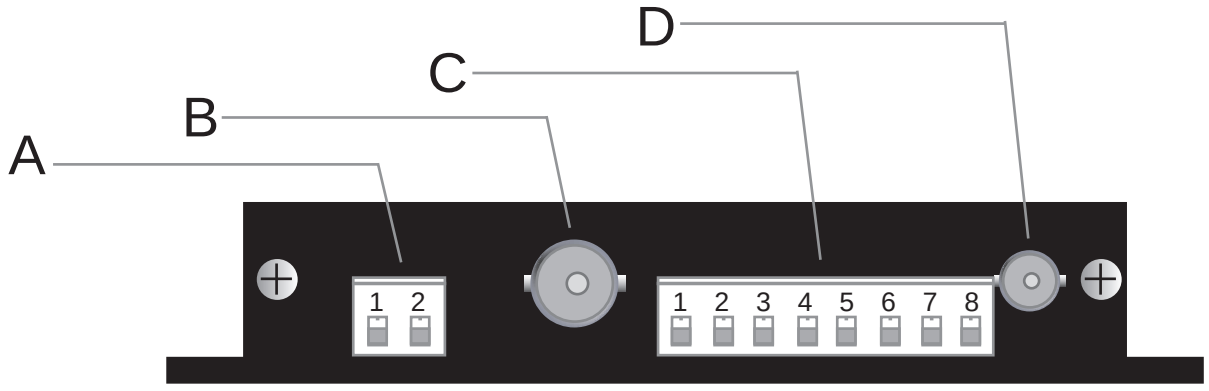
NOTE: WITHOUT PROPER FIBER CONNECTION, LED's DO NOT INDICATE CORRECT OPERATIONAL STATUS OF THE UNIT.

VDT14100WDM Series



A	Power Connector
B	Video Input
C	Data Connector
D	Fiber Optic Cable

VDR14100WDM Series



A	Power Connector
B	Video Output
C	Data Connector
D	Fiber Optic Cable

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation.

Changes or modifications not expressly approved by International Fiber Systems, Inc. could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CLASS 1 LASER PRODUCT
(For purposes of IEC 60825-1)

Complies with FDA Performance Standard for Laser Products
Title 21
Code of Federal Regulations
Subchapter J

Comprehensive Lifetime Warranty

(a) Seller warrants to the original End User that products and any services furnished hereunder will be free from defects in material and workmanship as of the date of delivery, and will conform to Seller's published technical specifications. The foregoing shall apply only to failures to meet said warranties which appear within that period of time during which the Products are installed in their original installation for the original End User and operator of such Products; provided, however, that in the event of product discontinuance, warranty support is limited to five (5) years from the announcement of discontinuance. Notwithstanding the preceding sentence, the duration of the warranty period for products not manufactured by Seller (e.g., fiber optic cabling, test equipment, power supplies or batteries) shall be the warranty period offered by the original manufacturer, if any.

(b) The conditions of any tests shall be mutually agreed upon and Seller shall be notified of, and may be represented at, all tests that may be made. The warranties and remedies set forth herein are conditioned upon (a) proper storage, installation, use and maintenance, and conformance with any applicable recommendations of Seller and (b) Buyer promptly notifying Seller of any defects and, if required, promptly making the product available for correction.

(c) If any product or service fails to meet the foregoing warranties, Seller shall thereupon correct any such failure either at its option, (i) by repairing any defective or damaged product or parts of the products, or (ii) by making available any necessary repaired or replacement products or parts thereof. Any repaired or replacement part or product shall be warranted for the remaining period of the original Warranty Period. Seller shall pay, or credit Buyer for, the cost of freight for all return shipments of products or parts to Buyer. Where a failure cannot be corrected by Seller's reasonable efforts, the parties will negotiate an equitable adjustment in price.

(d) The preceding paragraph sets forth the exclusive remedies for claims based on defect in or failure of products or services, whether the claim is in contract, indemnity, warranty, tort (including Seller's negligence), strict liability or otherwise and however instituted. Upon the expiration of the warranty period, all such liability shall terminate and BUYER shall have a reasonable time, within thirty days after the warranty period, to give written notice of any defects which appeared during the warranty period. The foregoing warranties are exclusive and in lieu of all other warranties, whether written, oral, implied or statutory. NO IMPLIED OR STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE SHALL APPLY. Seller does not warrant any products or services of others which BUYER has designated.

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